

UTILITY CONTROL SYSTEMS TECHNICIAN

RESOURCE CATEGORY	Public Works
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Utility Control Systems Technician provides centralized coordination for the use of energy management control systems
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Repair/Restoration Team - Water/Wastewater Utility Control Systems). 2. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment 3. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 4. Basic safety equipment for team members should include personal protective equipment (PPE) such as hard hats, reflective vests, eye protection, and ear protection as a minimum and other equipment based on conditions

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
DESCRIPTION	The Utility Control Systems Technician maintains plant control systems	Not Specified
EDUCATION	Not Specified	Not Specified
TRAINING	Completion of the following: <ol style="list-style-type: none"> 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. IS-800: National Response Framework, An Introduction 	Not Specified
EXPERIENCE	Two years of experience operating and maintaining plant control systems	Not Specified
PHYSICAL/MEDICAL FITNESS	Performs duties under arduous circumstances characterized by working up to 12-hour shifts under physical and emotional stress for sustained periods of time	Not Specified
CURRENCY	Functions in this position during an incident, event, exercise, or simulation at least once every five years	Not Specified
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified



Position Qualification for Infrastructure Systems
Public Works

NOTES

1. Nationally typed resources represent the minimum criteria for the associated category.
2. This document is US Government work and is not copyright protected in the United States. This publication was created with individual input and expertise provided by several state and local government entities. While the Federal Emergency Management Agency does not endorse any non-US government organizations or publications, several documents were referenced in the creation of this document, including, for example, the "American Water Works Association (AWWA), c 2008. Water & Wastewater Mutual Aid and Assistance Resource Typing Manual. Denver, Colorado."

REFERENCES

1. FEMA, NIMS 508: Repair/Restoration Team – Water/Wastewater Utility Control Systems Team
2. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016
3. American Water Works Association (AWWA), © 2008. Water & Wastewater Mutual Aid and Assistance Resource Typing Manual. Denver, Colorado. Used with permission